20TTE0' 6582200T

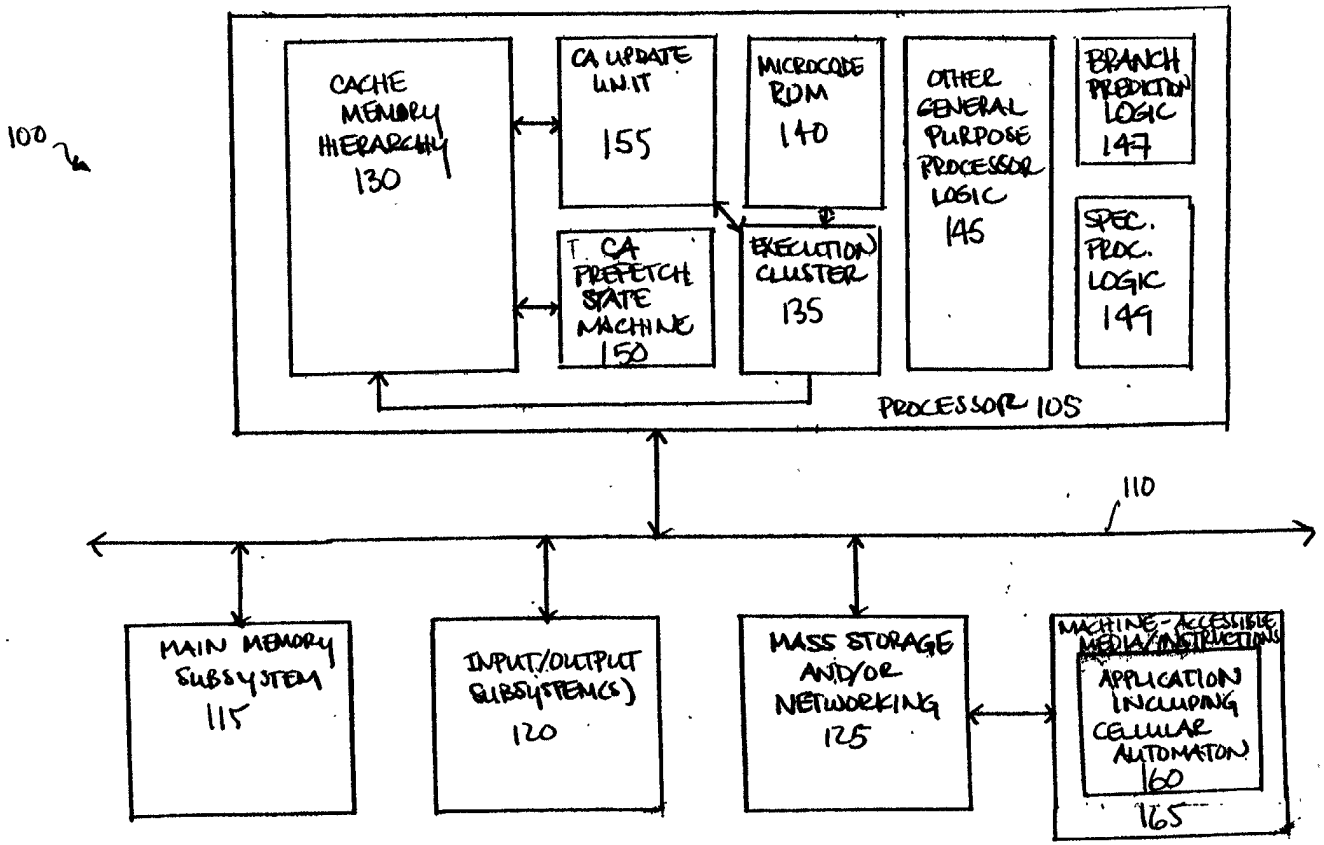

FIGURE 1

20TTCO" 6588200T

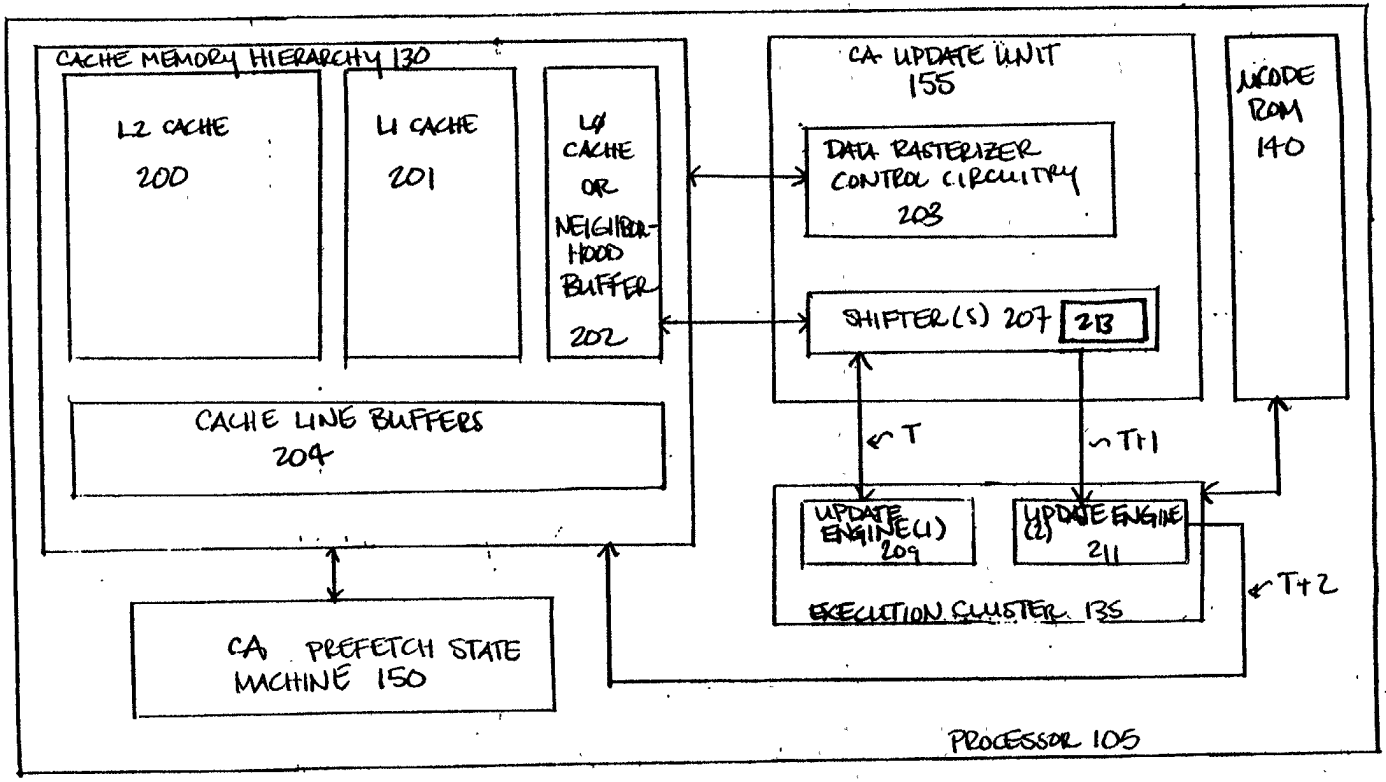

FIGURE 2

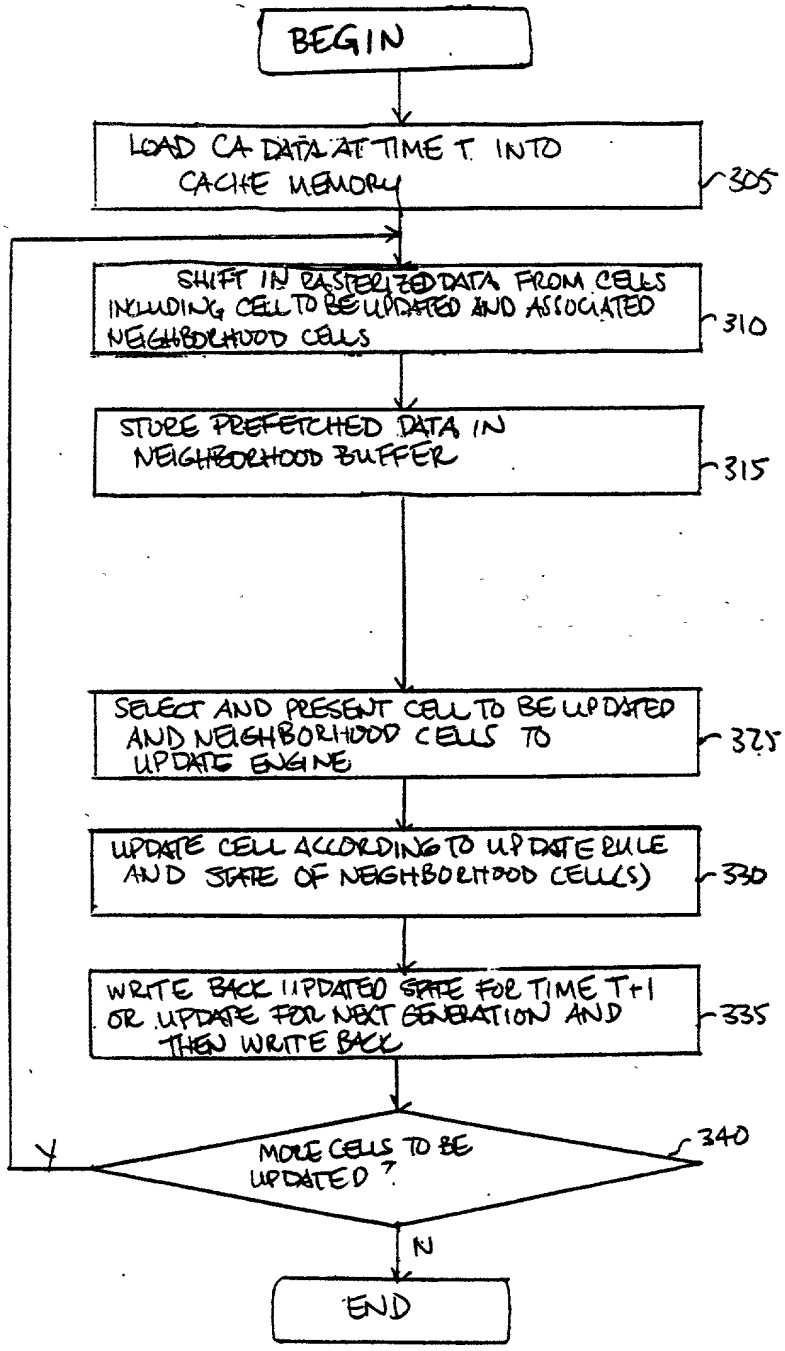
BEGIN
LOAD CA DATA AT TIME T INTO CACHE MEMORY
305
SHIFT IN RASTERIZED DATA FROM CELLS INCLUDING CELL TO BE UPDATED AND ASSOCIATED NEIGHBORHOOD CELLS
310
STORE PREFETCHED DATA IN NEIGHBORHOOD BUFFER
315
SELECT AND PRESENT CELL TO BE UPDATED AND NEIGHBORHOOD CELLS TO UPDATE ENGINE
325
UPDATE CELL ACCORDING TO UPDATE RULE AND STATE OF NEIGHBORHOOD CELL(S)
330
WRITE BACK UPDATED STATE FOR TIME T+1 OR UPDATE FOR NEXT GENERATION AND THEN WRITE BACK
335
MORE CELLS TO BE UPDATED ?
340
Y
N
END

FIGURE 3

20TE0" 6S38Z00T

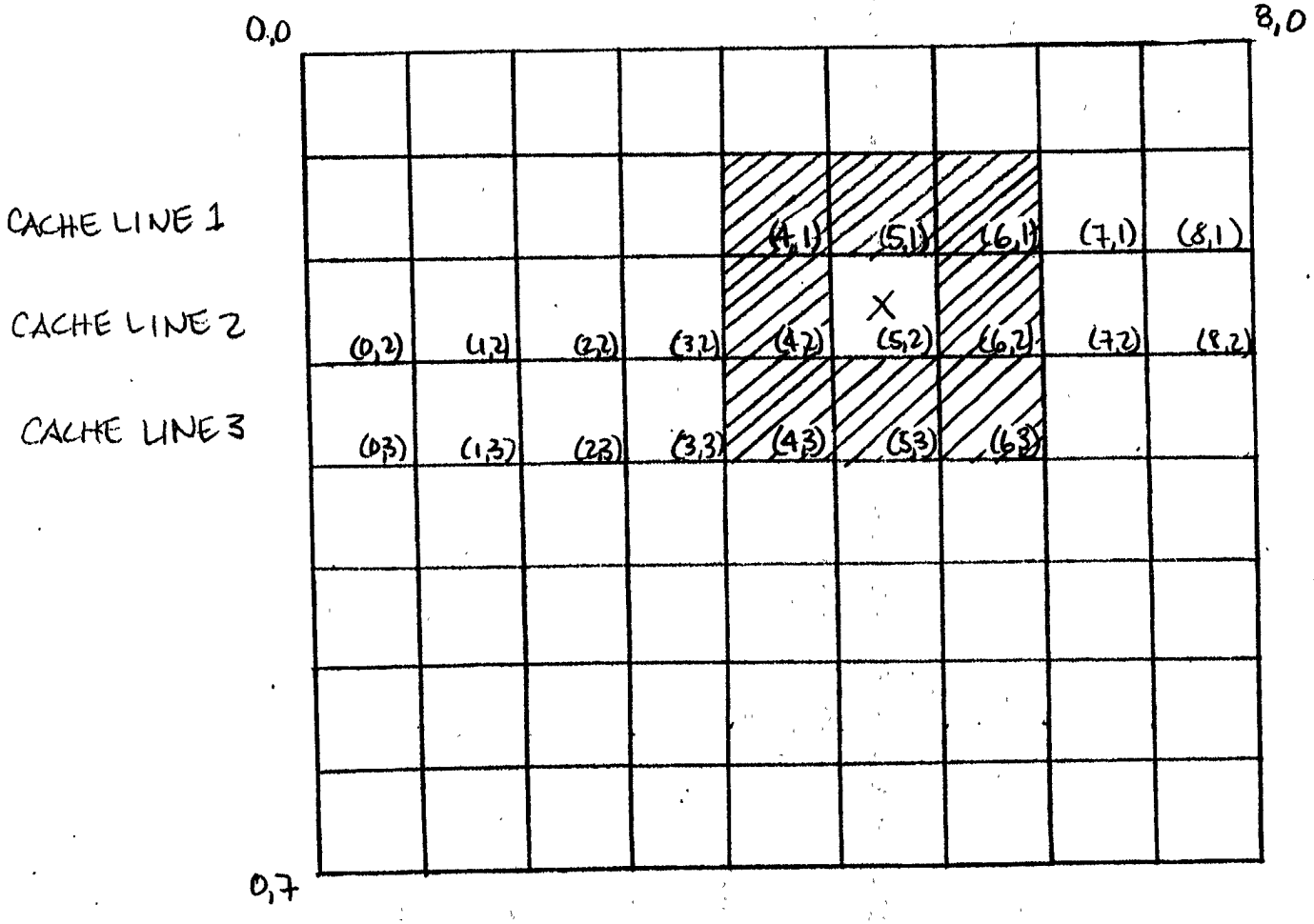

FIGURE 4

20TED" 6383207

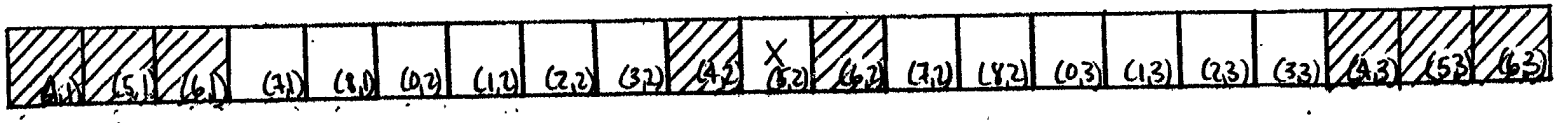

FIGURE 5